

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (Currently Amended) A plasma display panel, comprising:

a display panel for displaying a picture; and

a porous pad made of a material that absorbs noise/vibration and conducts heat provided at the display panel, ~~the porous pad~~ the material including silicon and a foam agent, wherein the percentage amount of silicon material is higher than the percentage amount of the foam agent.

Claim 2. (Canceled)

Claim 3. (Currently Amended) The plasma display panel as claimed in claim 1, further comprising:

a circuit board mounted with a plurality of integrated circuits for applying driving signals to the display panel; and

a heatproof panel arranged between the porous pad and ~~he~~ the circuit board.

Claim 4. (Original) The plasma display panel as claimed in claim 1, further comprising:

a double-faced tape having a heat-conducting function and provided between the display panel and the porous pad.

Claim 5. (Previously Presented) The plasma display panel as claimed in claim 3, further comprising:

a filter glass provided at the front side of the display panel to control transmittivity of light emitted from the display panel; and
a back cover for covering the circuit board.

Claim 6. (Previously Presented) The plasma display panel as claimed in claim 5, further comprising:

a second porous pad provided between the circuit board and the back cover.

Claim 7. (Canceled)

Claim 8. (Currently Amended) The plasma display panel as claimed in claim [[7]] 1, wherein the foam agent contains an urethane foam.

Claim 9. (Currently Amended) The plasma display panel as claimed in claim [[7]] 1, further comprising:

an adhesive coated onto the porous pad.

Claim 10. (Original) The plasma display panel as claimed in claim 9, wherein the adhesive is made from an acrylic material.

Claim 11. (Currently Amended) The plasma display panel as claimed in claim 9, wherein the ~~porous pad~~ material is formed from a mixture containing approximately 89% silicon, approximately 10% foam agent and approximately 1% adhesive.

Claim 12. (Original) The plasma display panel as claimed in claim 6, wherein the second porous pad is made of a material that absorbs noise/vibration.

Claim 13. (Currently Amended) A plasma display panel comprising:

- a display panel for displaying a picture;
- a frame adjacent a rear surface of said display panel;
- a circuit board adjacent a rear surface of said frame and connected thereto by fastening elements; and
- a porous pad made of a material that absorbs noise/vibration and conducts heat positioned between said display panel and said frame, ~~said porous pad~~ the material including silicon and a foam agent, wherein the percentage amount of silicon material is higher than the percentage amount of the foam agent.

Claim 14. (Canceled)

Claim 15. (Currently Amended) The plasma display panel as set forth in claim ~~[[14]]~~ 13, wherein ~~said porous pad is made of a mixture of silicon and~~ the foam agent is urethane.

Claim 16. (Original) The plasma display panel as set forth in claim 15, wherein said porous pad has an outer adhesive layer and is adhered to said display panel and to said frame by said layer.

Claim 17. (Currently Amended) The plasma display panel as set forth in claim 16, wherein said ~~porous pad~~ material is made of approximately 89% silicon, 10% foam agent, and 1% adhesive.

Claim 18. (Previously Presented) The plasma display panel as set forth in claim 17, further comprising an outer casing surrounding said plasma display panel, said outer casing having a back cover and a front cover, said back cover including a second porous pad adhered to an inner surface thereof adjacent said circuit board, said second porous pad absorbing noise/vibration generated as a result of said circuit board applying driving signals to said display panel.

Claim 19. (Previously Presented) The plasma display panel as set forth in claim 13, further comprising an outer casing surrounding said plasma display panel, said outer casing having a back cover and a front cover, said back cover including a second porous pad adhered to an inner surface thereof adjacent said circuit board, said second porous pad absorbing noise/vibration generated as a result of said circuit board applying driving signals to said display panel.

Claim 20. (Canceled)

Claim 21. (Currently Amended) The plasma display panel as set forth in claim ~~20~~ 19, wherein said porous pad has an outer layer of acrylic adhesive by which said pad is adhered to said display panel and to said frame, said ~~porous pad~~ material being approximately 89% silicon, 10% foam agent, and 1% adhesive.

Claim 22 (Currently Amended) A plasma display device, comprising:

- a display panel for displaying a picture;
- a frame for supporting the display panel; and
- a porous pad attached between the display panel and the frame, wherein the porous pad includes silicon and an urethane foam, the percentage amount of silicon being larger than the percentage amount of urethane foam.

Claim 23 (Previously Presented) The plasma display device as claimed in claim 22, further comprising:

- a double-sided tape for a thermal conduction between the display panel the porous pad.

Claim 24 (Previously Presented) The plasma display device as claimed in claim 22, further comprising:

- a circuit board attached to the frame;
- a back cover covering the circuit board; and
- a second porous pad provided between the circuit board and the back cover.

Claim 25 (Previously Presented) The plasma display device as claimed in claims 22, wherein the porous pad further includes a silicon material.

Claim 26 (Previously Presented) The plasma display device as claimed in claim 25, further comprising an adhesive coating on the porous pad.

Claim 27 (Previously Presented) The plasma display device as claimed in claim 26, wherein the adhesive is made from an acrylic material.

Claims 28-29 (Canceled)

Claim 30 (Currently Amended) A plasma display device comprising:

- a display panel for displaying a picture;
- a frame for supporting the display panel;
- a porous pad between the display panel and the frame, the porous pad including a silicon material and a foam agent; and
- a double-sided tape for a thermal conduction between the display panel and the porous pad, wherein the percentage of the silicon material is greater than the percentage of the foam agent.

Claim 31 (Canceled)

Claim 32 (Currently Amended) The plasma display device as claimed in claim ~~[[31]]~~ 30, wherein the porous pad further includes an adhesive.

Claim 33 (Previously Presented) The plasma display device as claimed in claim 32, wherein the adhesive is made from an acrylic material.

Claim 34 (Previously Presented) A plasma display device comprising:

- a display panel for displaying a picture;

a frame for supporting the display panel;
a circuit board attached to the frame;
a back cover for covering the circuit board; and
a porous pad located between the circuit board and the back cover, the porous pad including a foam agent.

Claim 35 (Previously Presented) The plasma display device as claimed in claim 34, wherein the foam agent is an urethane foam.

Claim 36 (Previously Presented) The plasma display device as claimed in claim 35, wherein the porous pad further includes a silicon material.

Claim 37 (Previously Presented) The plasma display device as claimed in claim 34, wherein the porous pad further includes an adhesive.

Claim 38 (Previously Presented) The plasma display device as claimed in claim 37, wherein the adhesive is made from an acrylic material.

Claim 39 (Currently Amended) A plasma display device comprising:

a display panel for displaying a picture;
a frame for supporting the display panel;
a porous pad disposed between the display panel and the frame, the porous pad including an urethane foam and a silicon material, the percentage of silicon material in the porous pad being greater than the percentage of the urethane foam.

Claim 40 (Previously Presented) The plasma display device as claimed in claim 39, wherein the porous pad further includes an adhesive.

Claim 41 (Previously Presented) The plasma display device as claimed in claim 40, wherein the adhesive is made from an acrylic material.

Claims 42-45 (Canceled)

Claim 46 (New) A method of manufacturing a plasma display device that includes a display panel, a rear frame, and driving circuits, the method comprising:

attaching a porous pad to the rear frame, said porous pad being made by mixing a silicon material with a foam agent, the concentration of the silicon material being greater than the concentration of the foam agent; and

arranging the display panel on the porous pad, the porous pad being positioned between the display panel and the rear frame.

Claim 47 (New) The method of claim 46, further comprising:

coating a rear surface of the porous pad with an adhesive material, the adhesive material attaching the porous pad to the rear frame.

Claim 48 (New) The method of claim 47, wherein the adhesive material is an acrylic material.

Claim 49 (New) The method of claim 46, further comprising:

coating a front surface of the porous pad with an adhesive material, wherein the adhesive material attaches the porous pad to the display panel.

Claim 50 (New) The method of claim 49, wherein the adhesive material is an acrylic material.

Claim 51 (New) The method of claim 46, further comprising:

applying a heat conductive double-sided tape to a front surface of the porous pad, wherein the heat conductive double-sided tape attaches the porous pad to the display panel.

Claim 52 (New) The method of claim 51, wherein the display panel includes a rear substrate, and wherein arranging the display panel on the porous pad comprises:

attaching the porous pad to the rear substrate of the display panel using the heat conductive double-sided tape.

Claim 53 (New) The method of claim 46, further comprising:

attaching a printed circuit board to the rear frame, the printed circuit board including the plasma display driving circuits.

Claim 54 (New) The method of claim 46, wherein the porous pad is approximately 89 percent silicon.